Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 08 Jan 2023 until 23:59 on Monday 09 Jan 2023

Forecast Issued on Saturday 07 Jan 2023 at 13:49

Confidence: High for the main unsettled and often windy theme, probably peaking midweek. Phasing of milder wetter periods Tuesday and Thursday lower confidence. Shower detail low confidence throughout.

Headline for Sunday 08 Jan 2023: Windy, with gales in exposure. Blustery wintry showers occasionally merging to longer periods of rain, sleet and snow. Some brighter interludes possible.

Mountain weather hazards on Sunday 08 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy rain showers (night)	Partly cloudy (night)	Sunny intervals	Heavy Rain	Sleet showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	60%	20%	20%	60%	60%	20%	20%

Forecast for Sunday 08 Jan 2023

Weather: Windy overnight, with blustery heavy rain showers, perhaps prolonged. Probably becoming drier later in the night and into daybreak for a time, with some sunny intervals most likely early and late. A main intervening period of rain and eventually sleet over higher ground is expected, some heavy with hail and thunder possible locally. Visibility will drop sharply on passage of showers, with windchill also an ever-present hazard. Becoming drier and less windy during the evening.

Chance of cloud-free hill tops above 600m: Perhaps 60% early and late in the east, else nearer 30%.

Low cloud and visibility: Visibility generally very good, but sharp visibility drops expected, especially at modest elevations through middle of day in more prolonged rain. Cloud becoming extensive around 600 metres through middle of day before gradual improvement.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Sunday 08 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	31/44 SW	25/37 SW	22/32 SW	23/34 S	22/32 SW	20/29 SW	18/26 SW	18/28 SW	19/29 SW
300	24/35 SW	19/30 SW	17/27 S	17/27 S	17/27 S	14/23 SW	13/22 SW	13/22 SW	14/24 SW
Valley	16/35 SW	12/28 SW	11/26 S	11/26 S	12/25 S	11/22 SW	9/22 SW	9/21 SW	10/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-4	2/-4	2/-4	2/-4	2/-4	1/-5	0/-6	1/-6
300	5/0	5/0	5/0	4/-1	4/-0	4/-0	3/-1	3/-2	3/-2
Valley	6/2	5/2	5/2	5/1	5/1	4/1	4/0	3/-0	3/-0
Freezing Level*	1100m	1000m	1000m	900m	900m	800m	700m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the falling freezing level and risk of gales, with windchill a significant hazard. Early brighter conditions are not thought to be characteristic for the day as a whole.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 07 Jan 2023	14.6mm	28mm	28.8mm

Forecast for Monday 09 Jan 2023

Weather: A continuation of Sunday's theme, with further sunny spells and blustery showers, these mainly of rain but perhaps turning to sleet for a time over the highest elevations, and with an attendant risk of hail and thunder in the heaviest. These may merge to give longer wetter periods, as on Sunday, but perhaps ease later and into the evening, ahead of a drier, colder night.

Maximum wind: Increasing westerly 45mph for a time.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Prevailing visibility generally very good, but with similar sharp drops likely, as Sunday. Cloud mainly near highest summits.

Temperature: **Valleys:** Zero becoming plus six Celsius.
At 600m: Plus two Celsius.
Freezing level: Above the highest peaks throughout.

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